

60481000



SOFTWARE PUBLICATIONS RELEASE HISTORY

CDC® OPERATING SYSTEMS:

NOS 1

NOS/BE 1

SCOPE 2

KRONOS 2

SCOPE 3.4

REVISION RECORD

REVISION	DESCRIPTION
A	Initial release.
(4-20-76)	
B	Includes NOS 1, NOS/BE 1, and SCOPE 3.4 operating system releases at PSR level 430 and
(9-01-76)	miscellaneous corrections.
C	Includes NOS 1, NOS/BE 1, and SCOPE 2 system releases at PSR level 439, NOS 1 and NOS/BE 1
(7-20-77)	system releases at PSR level 446; and miscellaneous corrections.
D	Includes KRONOS system releases at PSR level 439; SCOPE 2 system releases at PSR levels 446 and
(5-15-78)	452; NOS 1 and NOS/BE 1 system releases at PSR levels 452, 454, 460, and 461; SCOPE 3.4
	system releases at PSR level 461; and miscellaneous corrections.
E	Includes NOS 1 and SCOPE 2 system releases at PSR level 472; NOS/BE 1 system releases at PSR
(9-15-78)	level 473; and miscellaneous corrections.
F	Includes NOS 1 releases at PSR levels 477 and 485; the NOS/BE 1 releases at PSR levels 481 and 488;
(3-30-79)	the SCOPE 3.4 release at PSR level 479; the SCOPE 2 release at PSR level 477; and miscellaneous corrections.
G	Includes NOS 1 and SCOPE 2 system releases at PSR levels 498 and 501; the NOS/BE 1 system
(10-31-79)	release at PSR levels 498 and 499; and miscellaneous corrections.
H	Includes NOS 1 releases at PSR levels 508, 509, and 518; NOS/BE 1 releases at PSR levels 508
(06-30-80)	and 518; the SCOPE 2 release at PSR levels 508 and 512; and miscellaneous corrections.
Publication No. 60481000	

REVISION LETTERS I, O, Q AND X ARE NOT USED

Address comments concerning
this manual to:

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or use Comment Sheet in the
back of this manual

LIST OF EFFECTIVE PAGES

New features, as well as changes, deletions, and additions to information in this manual are indicated by bars in the margins or by a dot near the page number if the entire page is affected. A bar by the page number indicates pagination rather than content has changed.

Page	Revision
Cover	-
Title Page	-
ii	H
iii/iv	H
v/vi	H
vii	G
1-1	H
1-2	H
2-1 thru 2-5	H
3-1 thru 3-5	H
4-1	H
4-2	H
5-1 thru 5-3	H
6-1 thru 6-4	H
Comment Sheet	-
Mailer	-
Back Cover	-

PREFACE

This document is a guide for users who wish to determine which revision levels of software documents were available at certain Programming System Report (PSR) levels for the following Control Data operating systems:

NOS 1
NOS/BE 1
SCOPE 2
KRONOS 2
SCOPE 3.4

These operating systems were designed for the CONTROL DATA CYBER 170 Series, the CDC CYBER 70 Series, the CDC 7600, and the CDC 6000 Series Computer Systems.

Section 1 of this manual provides instructions for using this document and for ordering manuals. Sections 2 through 6 detail manual revision levels by operating system, categorizing publications as Operating System, Network Products, Compiler Products, Data Management Products, or Applications Products. Specific information about the contents of NOS and NOS/BE and their product set software manuals can be found in their respective Manual Abstracts.

Manuals listed can be ordered from:[†]

Control Data Corporation
Literature and Distribution Services
308 North Dale Street
St. Paul, Minnesota 55103

Specific manual titles, manual prices, and so forth, can be obtained from the Literature and Distribution Services (LDS) catalog. (This document is not intended as a replacement for any portion of that catalog.)

Customers placing orders for previous revision levels of manuals should observe the following procedures:

- Orders must specify the publication number and specific revision level or levels required.
- Orders must specify the version number of the product if applicable (for example, FORTRAN Extended Version 4 Reference Manual).
- Customers should allow a minimum of 30 days after the order is received by LDS for delivery.
- The charge for these documents will be at Control Data's cost to reproduce and ship. This cost, in all probability, will be higher than the price of the original documents.
- As an option, Control Data will grant reproduction rights to customers who wish to print their own manuals (assuming they have a copy of the document suitable for reproduction).

The above procedures will apply for one year after products are designated Category III Support.

[†]Publications 60306500, 60327500, 60329200, 60429700, 60471160, 60474500, and 60494100 must be ordered from: Control Data Corporation, Software Manufacturing and Distribution, ARH230, 4201 North Lexington Avenue, St. Paul, Minnesota 55112.

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INTRODUCTION

1

Each section of this document lists the manuals that were effective when the associated software products were released. The following information is presented:

SAB Date	Date (month and year) of the Software Availability Bulletin (SAB) that announced the release of the products
PSR Level	Programming System Report (PSR) level of the system or of the operating system (OS) and product set (PS) when released
Title	Manual title
Pub. No.	Publication number of the manual
	Revision level of the manual
	Version number (decimal number in parentheses following the related reference manual revision level)

The manual titles shown are abbreviated. Where a version number is part of a title, the word version is omitted, but the version number is listed.

The abbreviations used for publication types are as follows:

CC	Code Card
DH	Diagnostic Handbook
DI	Diagnostic Index
GIM	General Information Manual
IH	Installation Handbook
IN	Instant
OG	Operator's Guide
O/RM	Operator's/Reference Manual
PG	Procedure Guide
PSB	Programming Systems Bulletin
RM	Reference Manual
SPRM	System Programmer's Reference Manual
UG	User's Guide
UM	User's Manual
UIM	User Information Manual
U/RM	User's/Reference Manual
UII	Usage Installation Instructions
VIM	Vendor Information Manual

A dash indicates that a manual was available on that SAB date, but no revision level was indicated.

Absence of either a revision letter or a dash indicates the manual or product was not yet available, the product was no longer supported at that PSR level, or the document was no longer pertinent.

A new revision level for a reference manual is not always associated with a change to the version number. Also, there are some instances where the version number changed, but the changes did not affect the external characteristics of the product; thus, the revision level of the manual did not change.

Products have not always been released at the same time for every operating system; the same version number occasionally appears with different revision levels of the same manual.

A number of products, mostly applications products, have actually been released at PSR levels other than those appearing in the lists. These products are shown on the lists at the first PSR level following their release date.

Version numbers do not appear at all for some products, indicating that the product was not assigned a version number. On occasion, where the version number has not changed during the life of the product, that number may no longer appear due to truncation of columns.

Because of space limitations, truncation of rightmost columns has occurred and several obsolete publications have been deleted. If you need historical information about applicable publications, consult previous editions of this document.

USE OF THIS DOCUMENT

To determine which update of a manual is relevant to a particular PSR level of the operating system or product set, follow these steps:

1. Locate the section of this document containing the list of manuals for the desired operating system.
2. In the lines starting with PSR Level, OS PSR Level, or PS PSR Level, locate the PSR level.
3. Read down this column to locate the appropriate revision level for the manual named in the title column.

Example:

To determine which update of the COBOL 5 manual was effective for NOS 1, operating system level 439, read the OS PSR Level line to the column with 439 in the heading (SAB Date 12/76). Read down, in the title column, until COBOL 5 is found in the Compiler Products segment. Find the intersection of the COBOL 5 RM line and the 12/76 column. The manual update level is C and the manual represents version 5.1 of COBOL 5.

ORDERING PROCEDURES

To order a particular revision packet, specify the following:

- The manual title
- The publication number (Manuals and the associated revision packets have the same publication number.)
- The revision letter of the packet
- The words REVISION PACKET ONLY

Example:

To order the C level revision packet of the COBOL 5 RM, specify:

COBOL Version 5 Reference Manual, 60497100 C
REVISION PACKET ONLY

To upgrade a manual more than one revision level, you must order all intervening revision packets. That is, if you want to upgrade a manual from revision C to revision G, order packets D, E, F, and G; otherwise, your upgraded manual might not reflect the changes made in revisions D, E, and F.

It is easier to order the complete manual at a certain revision level, rather than update an older manual several revision levels. This is especially true if any of the revisions obsoleted all the previous editions. (A revision that supersedes all previous editions can be identified by a yellow cover sheet.)

There are two ways to order a complete manual.

1. If you want the manual at the latest revision level, specify the following:

The manual title
The publication number

Example:

To order the complete COBOL 5 RM at the latest revision level, specify:

COBOL Version 5 Reference Manual,
60497100

2. If you want the manual at a particular revision level, specify the following:

The manual title
The publication number
The revision letter for the level at which you want the manual
The words SUPPLY MANUAL AT REVISION LEVEL SPECIFIED

Example:

To order the complete manual at revision level D, specify:

COBOL Version 5 Reference Manual, 60497100 D
SUPPLY MANUAL AT REVISION LEVEL SPECIFIED

NOS 1 PUBLICATIONS RELEASE HISTORY

2

		SAB OS	Date PSR	5/80 518	1/80 509	8/79 501	1/79 485	10/78 477	7/78 472	11/77 460	7/77 452	5/77 446	12/76 439	8/76 430
		PSR	Level	518	508	498	485	477	472	460	452	446	439	428
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>												
Manual Abstracts				84000420	B	B	A	A	A	A				
<u>Operating System</u>														
NOS 1 Vol 1 (Appl Prog)	RM	60435400	L	K	J(1.4)	H	G	F(1.3)	E	D	C	C(1.2)	B	
Vol 2 (Sys Prog)	RM	60445300	L [†]	K [†]	J(1.4)	H	G	F(1.3)	E	D	C	C(1.2)	B	
DI	60455720	C [†]	C [†]	B	B	B	A							
OG	60435600	L	K	J	H	G	F	E		D	C	C	B	
IH	60435700	R	P	N	L,M	K	J	H		G	F	E	D	
UG	60436300	A	A	A	A	A	A	A	A	A	A	A		
GIM	60435900	A	A	A	A	A	A	A	A	A	A	A		
Applications Prog	IN	60436000	H	H	G	F	E	D	C	D	C	C	B	
System Prog	IN	60449200	F	F	E	D	D	D	C	C	C	C	B	
System Maintenance	RM	60455380	F	E	D	C	B	A						
NOS 1 Text Editor	RM	60436100	G	G	G	F	F	F	E	E	D	D	C	
Export/Import	RM	60436200	C	C	C	C	C	C	C	C	B	B	B	
NOS 1 Time-Sharing	RM	60435500	J	H	G	F	E	E	D	D	C	C	B	
NOS 1 Terminal	UG	60436400	D	D	C	C	C	C	B	B	B	B	A	
	IN	60435800	F	E	D	D	D	D	C	C	C	C	B	
CYBER Loader 1	RM	60429800	G	G	G(1.5)	F	F	F(1.4)	E	E	E(1.3)	D	C(1.2)	
	IN	60449800	C	C	C(1.5)	B	B	B	B	B	B	A	A	
Common Memory Manager 1	RM	60499200	D	D	C	C	C	C(1.1)	B	B	B	B	B	
Update 1	RM	60449900	B	B	B	B	B	B(1.3)	A	A	A	A	A	
	IN	60450000	A	A	A	A	A	A	A	A	A	A	A	
CYBER Common Utilities 1	RM	60495600	F	F	F	E	E	E	D	D	D	C	B	
NOS 1 Modify	RM	60450100	E	E	E	D	D	D	C	C	C	B	A	
	IN	60450200	C	C	C	B	B	B	B	B	B	B	B	
On-Line Maint Software 1	RM	60454200	C	C	C	C	B	B	A	A	A	A	A	
XEDIT 3	RM	60455730	B	B	B	A	A	A						
<u>Network Products</u>														
NAM 1	RM	60499500	K	J	H(1.2)	F,G	E	D(1.1)	C	C	C	C	A(1.0)	
NDL 1	UG	60481500	A	A(1.2)										
Network Administrator and	RM	60480000	G	F	F(1.2)	E	D	C(1.1)	B	B	B	B	A(1.0)	
Operator Facility														
Terminal Interface	RM	60480100	A	A(1.2)										
	UG	60480600												

TPS PSR Level is 498.

NOS 1 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB Date	5/80	1/80	8/79	1/79	10/78	7/78	11/77	7/77	5/77	12/76	8/76
OS	PSR Level	518	509	501	485	477	472	460	452	446	439	430
PS	PSR Level	518	508	498	485	477	472	460	452	446	439	428

<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>	D	D	D(1.1)	C	B	A(1.0)				
<u>Network Products (Contd)</u>												
NPS 1	RM	60480500	D	D	D(1.1)	C	B	A(1.0)				
RBF 1	RM	60499600	H	G	F(1.2)	E	D	C(1.1)	B	B	B	A(1.0)
IAF 1	RM	60455250	E	D	C	B	A	A(1.0)				
UG	60455260	B	B	B	A	A	A	A				
Network Terminal User's	IN	60455270	C	B	B	A	A	A				
TAF 1	RM	60455340	C	C	C	B	A	A				
UG	60455360	A	A	A	A	A	A	A				
Data Manager	RM	60455350	B	B	B	A	A	A				
CRM Data Manager	RM	60456710	A	A	A							
CCP 3	RM	60471400	E	D	D(3.2)	C	B	B(3.1)	A	A	A	A(3.0)
SPRM	60474500	B	A	A(3.2)								
State Programming Language	RM	60472200	C	B	B(3.2)	A	A	A(3.1)				
TIP Writer's Guide	RM	60474600	A									
CYBER Cross System	RM	96836000	C	C	B	B	B	B	B	B	B	B(1.1)
DH	96836300	C	C	B	B	B	B	B	B	B	B	B
GIM	96836200	C	C	B	B	B	B	B	B	B	B	B
PASCAL Compiler	RM	96836100	C	C	B	B	B	B	B	B	B	B
Macro Assembler	RM	96836500	B	B	B	B	B	B	B	B	B	B
Micro Assembler	RM	96836400	C	C	C	C	C	C	C	C	B	B
Link Editor	RM	60471200	D	D	C	B	B	B	B	B	B	B
<u>Compiler Products</u>												
ALGOL 5	RM	60481600	C	C	B,C(5.1)	A	A(5.0)					
ALGOL 4	RM	60496600	B	B	B	B	B					
APL 2	RM	60454000	E	E	E	D	D	C(2.1)	A	A	A	A(2.0)
APL 1	RM	19980400				D	D	D	D	D	D	D
BASIC 3	RM	19983900	F	F	F(3.4)	E(3.3)	D	D(3.2)	C	C	C	C
Summary Card	CC	60482800	A	A	A	A	A	A				
COBOL 5	RM	60497100	G	G	F(5.3)	E	E	E(5.2)	D	D	C(5.1)	B
UG	60497200	C	C	C(5.3)	B	B	B	B	B	B	A	A
IN	60497300	A	A	A	A	A	A	A	A	A		
DH	60482500	B	B	B(5.3)	A	A	A					
Report Writer	UG	60496900	A	A	A	A	A	A	A	A	A	A
COBOL 4/5 Conv Aids	RM	19265021	B	B	B	B	B	B	B	B	B	A
COBOL 4	RM†	60496800	D	D	C	C	C	C(4.7)	B	B	B	B(4.6)
IN†	60497000	B	B(4.7)	A	A	A	A	A	A	A	A	A
COMPASS 3	RM	60492600	F	F	E(3.6)	D	D(3.5)	C	C	C(3.4)	B	B
	IN	60492800	C	C	C(3.6)	B	B(3.5)	A	A	A	A	A

†This is the last scheduled revision to this manual; it will be a regularly stocked item at LDS for a minimum of 12 months after this date.

NOS 1 PUBLICATIONS RELEASE HISTORY (Contd)

		SAB OS	Date 5/80	1/80 509	8/79 501	1/79 485	10/78 477	7/78 472	11/77 460	7/77 452	5/77 446	12/76 439	8/76 430	
		PSR	Level 518	PSR	Level 508	PSR	Level 498	PSR	Level 485	PSR	Level 477	PSR	Level 472	
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>												
<u>Compiler Products</u> (Contd)														
Summary Card	CC	60493000	A	A	A	A	A	A	A	A	A	A	A	
CYBER Interactive Debug	RM	60481400	B	B	B(1.1)	A	A	A	A(1.0)					
FORTRAN Extended 4	UG	60482700	A	A	A	A	A	A	A					
FORTRAN 5	UG	60484100	A											
CYBER Record Manager														
Basic Access Methods 1	RM	60495700	E	E	D	D	D	D(1.5)	C	C	B	B	B	
	UG	60495800	B	B	B	B	B	B(1.5)	A	A	A			
Advanced Access Methods 2	RM	60499300	B	B	B(2.1)	A	A	A(2.0)						
	UG	60499400	A	A	A	A	A	A(2.0)						
BAM/AAM	PSB	60482400												
COBOL 4	UG	60496000												
FORTRAN Extended 4	UG	60495900												
MIP	UG	60480900	B	B	B	B	B	B	A	A	A	A	A	
FORTRAN 5	RM	60481300	C	B,C	A(5.0)									
Common Math Library	RM	60483100	B	B	A,B(5.0)									
FORTRAN 4/5 Conv Aids	RM	60483000	B	B	A,B(1.0)									
FORTRAN Extended 4	RM	60497800	E	E	E(4.8)	D	D	D(4.7)	C	C	B	B	B	
	IN	60497900	A	A	A	A	A	A	A	A	A	A	A	
	UG	60499700	A	A	A	A	A	A	A	A	A	A	A	
DEBUG	UG	60498000	A	A	A	A	A	A	A	A	A	A	A	
Common Math Library	RM	60498200												
SIFT	PSB	60496500	A	A	A	A	A	A	C(4.7)	B	B	B	B	
PL/I 1	RM	60388100	B	B	A	A	A	A	A	A	A	A	A	
	IN	60483700	A	A	A	A	A	A	A(1.0)					
	GIM	60388300	A	A	A	A	A	A	A					
Sort/Merge 4	RM	60497500	E	E	E	E	E	E(4.6)	D	D	D	C(4.5)	B	
	UG	60482900	A	A	A	A	A	A(4.6)						
	IN	60497600	B	B	B	B	B	B						
SYMPL 1	RM	60496400	F	F	E(1.4)	D	D	D(1.3)	C	C	B	A(1.2)	A	
	UG	60499800	B	B	B	B	B	B(1.3)	A	A	C			
	IN	60482600	A	A	A	A	A	A(1.3)						
8-Bit Subroutines	RM	60495500	B	B	B	B	B	B	A	A	A	A	A	
Convr Aids FTN (3000L)	UG	19980600	C	C	C	C	C	C	C	C	C	C	C	
Convr Aids COBOL (3000L)	UG	19980700	B	B	B	B	B	B	B	B	B	B	B	
Convr Aids System (3000L)	UG	19980900	B	B	B	B	B	B	B	B	B	B	B	

NOS 1 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS	Date 5/80 518	1/80 509	8/79 501	1/79 485	10/78 477	7/78 472	11/77 460	7/77 452	5/77 446	12/76 439	8/76 430
	PSR PSR	Level 518	PSR Level 508	PSR 498	PSR 485	PSR 477	PSR 472	PSR 460	PSR 452	PSR 446	PSR 439	PSR 428
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>										
<u>Data Management Products</u>												
DMS-170 Data Administrator FORTRAN Database Facility	GIM UG	60498900 60499100	A B	A B	A B	A B	A B(1.1)	A A	A A	A A	A A	A
Relational Database Facility	RM	60482200	C	C(1.2)	B(1.1)	A(1.0)			A	A	A	A
Message Control System 1	RM	60480300	A	A(1.0)								
CDCS 2 Data Catalogue 2 Data Administrator's DDL 3 (Vol 1) COBOL/DDL 3 (Vol 2) QU/DDL 3 (Vol 3)	RM RM RM RM RM RM	60481800 60483200 60483300 60481900 60482000 60482100	C A A C B B	C A A C(3.1) B(3.1) B(3.1)	C(2.1) A A B A A	B A A B A A	A A(2.0)					
Query Update 3 Programmer DBU 1 FORM 1	RM UG UG RM RM	60498300 60387700 60499000 60498800 60496200	E A B D B	E A B D B	E A B D B	D A B D B	D A B D B	D(3.2) A B(3.2) D(1.2) B(1.1)	C A A C A	C A A C A	C(3.1) A A C(1.1) A	B A A B A
CDCS 1 DDL 2 (Vol 1) COBOL/DDL 2 (Vol 2) QU/DDL 2 (Vol 3)	RM RM RM RM	60498700 60498400 60498500 60498600	D D D D	D D D D	D D D C	D D D C	D D D C(2.2)	D(1.2) D(2.2) D(2.2) C(2.2)	C C C B	C C C B	C(1.1) C(2.1) C B	B
<u>Applications Products</u>												
Applications	IH IH	84000970 76071100	C S	C S	A,B S	R	N,P	M	H,J,L	G	F	D
APEX III	RM	76070000	G	G	G	F	F	F	F(1.1)	E	E	D
APT IV 2	RM	17326900	C	C	C	B	B	A	A	A	A	A
CAS 2	RM	19265358	B	B	A	A	A	A				
Data Handler 1	RM	17322100	D	D	C	C	B	B	B	B	B	B

NOS 1 PUBLICATIONS RELEASE HISTORY (Contd)

		SAB OS	Date 518	1/80 509	8/79 501	1/79 485	10/78 477	7/78 472	11/77 460	7/77 452	5/77 446	12/76 439	8/76 430
		PSR PSR	Level 518										
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>											
<u>Applications Products</u> <u>(Contd)</u>													
GPSS V 1	(IBM Pub.)	RM [†] UM GIM	SH20-0851-1 76078800 84003900	-C C C	-C C C	-C C C	-C C C	-C C C	-C C C	-C C C	-C C C	C C C	C(1.2)
International Math and Stat Library		GIM	60456380	A	A	A	A	A	A				
Math Science Library		RM UII	60327500 60329200	B D	B D	B D	B D	B D	B D	B D	B D	B D	B D
Graphics		GIM	76077000	C	C	C	C	C	C	B	B	B	A
Beginning Graphics		UG	76077300	C	C	C	C	C	C	B	B	B	A
LCGT/IGS 2		RM	76079100	A	A	A	A	A	A	A	A	A	A
UNIPLOT 2.1/3.0		UG U/RM	76077400 60454730	A C	A C	A C	A C(2.1/ 3.0)	A B	A B(2.1)	A A	A A	A(2.0)	
PDS/MaGen 1.3		UIM	84009900	G	G	G	G	F	F	F	F	E	D
PERT/Time 1		RM	60133600										
PERT/Time 2		RM	60456030	A	A	A	A	A	A				
TIGS 1		RM UG	60455940 60456040	D B	D B	C B	B A	A	A				
TAF/TS 1		RM UG	60453000 60436500	E B	E B	E(1.2) B	D B	C B	C(1.1) B	B A	B A	A A	A(1.0)
CRM Data Manager		RM	60456700	A	A	A							
Data Manager		RM	60453100	D	D	D	C	C	B	B	A	A	
TRANEX		RM UG OG	60407900 60436500 60408000							D A D	D A D	D A C	D A C
SIMSCRIPT I.5 3		RM	60358500	F	F	F	F	F	F	F	F	F	F
SIMULA 1		RM	60234800	F	F	F	F	F	F	F	F	F	F
TOTAL		RM	76070300	F	F	F	F	F(2.0)	E	E	E	D(1.5)	C
I/S ATHENA Retrieval/ Update Language		VIM	84000060	C	C	C	B	C	C	A,B	A	C(1.4)	
Athena		UIM	84000090	C	C	C	A	A	A	A	A		

[†]Not available at LDS.

NOS/BE 1 PUBLICATIONS RELEASE HISTORY

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	SAB	Date	5/80	1/80	8/79	3/79	11/78	6/78	12/77	8/77	5/77	12/76	8/76
	OS	PSR	Level	518	508	499	488	481	473	461	454	446	439
	PS	PSR	Level	518	508	498	485	477	472	460	452	446	439
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>											
Manual Abstracts		84000470	B	B	A	A	A	A					
<u>Operating System</u>													
NOS/BE 1	RM	60493800	J	H	G	G	F	E(1.3)	D	D	C(1.2)	B	B(1.1)
	DI	60456490	B [†]	B [†]	G	G	F						
	OG	60493900	L	K	J	H	G	F	E	D	C	B	B
	DH	60494400	K	J	H	G	F	E	D	D	C	B	B
	SPRM	60494100	K	J	H	G	F	E	D	D	C	B	B
	UG	60494000	B	B	B	B	B	A	A	A	A	A	A
	IH	60494300	N	M	L	K	J	H	G	F	E	D	C
Model 176 Addendum	IH	60454830											
Station	O/RM	60494200											
CYBER Loader 1	RM	60429800	G	G	G(1.5)	F	F	F(1.4)	E	E	E(1.3)	D	C(1.2)
	IN	60449800	C	C	C(1.5)	B	B	B	B	B	B(1.3)	A	A
Common Memory Manager 1	RM	60499200	D	D	C	C	C	C(1.1)	B	A	A	A(1.0)	
Update 1	RM	60449900	B	B	B	B	B	B(1.3)	A	A	A	A	A
	IN	60450000	A	A	A	A	A	A	A	A	A	A	A
CYBER Common Utilities	RM	60495600	F	F	F	E	E	E	D	D	D	C	B
On-Line Maint Software 1	RM	60453900	D	D	D	C	C	C	C	C	B	A	A(1.0)
Export High Speed	RM	60456880	A	A	A	A	A	A					
INTERCOM 5	RM	60455010	D	D	C	B	A	A					
FORTRAN Extended 4	UG	60455950	A	A	A	A	A	A					
COBOL	UG	60455960	A	A	A	A	A	A					
MUJ	RM	60456070	A	A	A	A	A	A					
Remote Batch	UG	60455890	A	A	A	A	A	A					
Interactive Card	CC	60455840	B	B	A	A	A	A					
Batch Card	CC	60455850	A	A	A	A	A	A					
INTERCOM 4	RM	60494600	G	G	F	F	E	E(4.7)	D	D	C(4.6)	B	B
FORTRAN Extended 4	UG	60495000	B	B	B	B	B	A	A	A	A	A	A
COBOL	UG	60495100	B	B	B	B	B	B	A	A	A	A	A
MUJ	RM	60494700	B	B	B	B	B	B	A	A	A	A	A
SCED	UG	60494800	A	A	A	A	A	A	A	A	A	A	A
Remote Batch	UG	60496100	B	B	B	B	B	B	A	A	A	A	A
Procedures Guide	PG	60495200	A	A	A	A	A	A	A	A	A	A	A
Interactive Card	CC	60495300	D	D	C	C	C	C	B	B	A	A	A
Batch Card	CC	60495400	D	D	C	C	C	C	B	B	A	A	A

[†]PS PSR Level is 498.

60481000 H

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NOS/BE 1 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS	Date 5/80 518	1/80 508	8/79 499	3/79 488	11/78 481	6/78 473	12/77 461	8/77 454	5/77 446	12/76 439	8/76 430
	PSR Level											
	PS Level											
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>										
<u>Network Products</u>												
CCI 3	RM	60471150	C	B	B	B	A	A(3.0)				
State Programming Language	SPRM	60471160	B	A	A							
CCP 1	RM	60472200	C	B	B(3.2)	A	A	A(3.1)				
	RM	60470000	B	B	B	B	B	B	B	B	B	A
	OG	60470100	B	B	B	B	B	B	B	B	B	A
	DH	60470200	B	B	B	B	B	B	B	B	B	A
CYBER Cross System (previously CCPS 1)	RM	96836000	C	C	B	B	B	B	B	B	B	B(1.1)
	DH	96836300	C	C	B	B	B	B	B	B	B	B
	GIM	96836200	C	C	B	B	B	B	B	B	B	B
PASCAL Compiler	RM	96836100	C	C	B	B	B	B	B	B	B	B
Macro Assembler	RM	96836500	B	B	B	B	B	B	B	B	B	B
Micro Assembler	RM	96836400	C	C	C	C	C	C	C	C	B	B
Link Editor	RM	60471200	D	D	D	C	B	B	B	B	B	B
<u>Compiler Products</u>												
ALGOL 5	RM	60481600	C	C	B,C(5.1)	A(5.0)						
ALGOL 4	RM	60496600	B	B	B	B	B	B(4.2)	A	A	A	A
BASIC 3	RM	19983900	F	F	F(3.4)	E(3.3)	D	D(3.2)	C	C	C	C
Summary Card	CC	60482800	A	A	A	A	A					
COBOL 5	RM	60497100	G	G	F(5.3)	E	E	E(5.2)	D	D	D	C(5.1)
	UG	60497200	C	C	C(5.3)	B	B	B	B	B	B	A
	IN	60497300	A	A	A	A	A	A	A	A	A	A
	DH	60482500	B	B	B(5.3)	A	A	A(5.2)				
Report Writer	UG	60496900	A	A	A	A	A	A	A	A	A	A
COBOL 4/5 Conv Aids	RM	19265021	B	B	B	B	B	B	B	B	B	A
COBOL 4	RM [†]	60496800	D	D	C	C	C	C(4.7)	B	B	B	B(4.6)
	IN [†]	60497000	B	B(4.7)	A	A	A	A	A	A	A	A
COMPASS 3	RM	60492600	F	F	E(3.6)	D	D	D(3.5)	C	C	C(3.4)	B
	IN	60492800	C	C	C(3.6)	B	B	B(3.5)	A	A	A	B
Summary Card	CC	60493000	A	A	A	A	A	A	A	A	A	A
CYBER Interactive Debug	RM	60481400	B	B	B(1.1)	A	A	A	A	A(1.0)		
FORTRAN Extended 4	UG	60482700	A	A	A	A	A	A	A			
FORTRAN 5	UG	60484100	A									
CYBER Record Manager												
Basic Access Methods 1	RM	60495700	E	E	D	D	D	D(1.5)	C	C	B	B
	UG	60495800	B	B	B	B	B	B(1.5)	A	A	A(1.4)	
Advanced Access Methods 2	RM	60499300	B	B	B(2.1)	A	A	A	A(2.0)			
	UG	60499400	A	A	A	A	A	A	A(2.0)			
BAM/AAM	PSB	60482400						A				

[†]This is the last scheduled revision to this manual; it will be a regularly stocked item at LDS for a minimum of 12 months after this date.

NOS/BE 1 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS	Date 5/80 518	1/80 508	8/79 499	3/79 488	11/78 481	6/78 473	12/77 472	8/77 461	5/77 454	12/76 446	8/76 439
	PSR PSR	Level 518	PSR 508	Level 498	PSR 485	Level 477	PSR 472	Level 460	PSR 452	Level 446	PSR 439	Level 428
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>										
<u>Compiler Products</u> (Contd)												
COBOL 4	UG	60496000							A	A	A	A
FORTRAN Extended 4	UG	60495900							A	A	A	A
MIP	UG	60480900	B	B	B	B	B	B	A	A	A	A
FORTRAN 5	RM	60481300	C	B,C	B(5.0)	B	B	B	A	A	A	A
Common Math Library	RM	60483100	B	B	A,B(5.0)							
FORTRAN 4/5 Conv Aids	RM	60483000	B	B	A,B(1.0)							
FORTRAN Extended 4	RM	60497800	E	E	E(4.8)	D	D	D(4.7)	C	C	B	B
	IN	60497900	A	A	A	A	A	A	A	A	A	A
	UG	60499700	A	A	A	A	A	A	A	A	A	A
DEBUG	UG	60498000	A	A	A	A	A	A	A	A	A	A
Common Math Library	RM	60498200	C	C	C	C	C	C	B	B	B	B
SIFT	PSB	60496500	A	A	A	A	A	A	A	A	A	A
PL/I 1	RM	60388100	B	B	A	A	A	A	A(1.0)			
	IN	60483700	A	A	A	A	A	A	A(1.0)			
Sort/Merge 4	RM	60497500	E	E	E	E	E	E	E(4.6)	D	D	C(4.5)
	UG	60482900	A	A	A	A	A	A	A(4.6)			B
	IN	60497600	B	B	B	B	B	B	B	B	B	A
SYMPL 1	RM	60496400	F	F	E(1.4)	D	D	D	D(1.3)	C	C	B(1.2)
	UG	60499800	B	B	B	B	B	B	B(1.3)	A	A	A
	IN	60482600	A	A	A	A	A	A	A(1.3)	A	A(1.2)	A
8-Bit Subroutines	RM	60495500	B	B	B	B	B	B	A	A	A	A
Convr Aids FTN (3000L)	UG	19980600	C	C	C	C	C	C	C	C	C	C
Convr Aids COBOL (3000L)	UG	19980700	B	B	B	B	B	B	B	B	B	B
Convr Aids System (3000L)	UG	19980900	B	B	B	B	B	B	B	B	B	B
<u>Data Management Products</u>												
DMS-170	GIM	60498900	A	A	A	A	A	A	A	A	A	A
Data Administrator	UG	60499100	B	B	B	B	B	B	B	A	A	A
FORTRAN Database Facility	RM	60482200	C	C(1.2)	B(1.1)	A(1.0)						
Relational Database Facility	PSB	60480700							A	A	A	A
CDCS 2	RM	60481800	C	C	C(2.1)	B	A	A	A(2.0)			
Data Catalogue 2	RM	60483200	A	A	A							
Data Administrator's	RM	60483300	A	A	A							
DDL 3 (Vol 1)	RM	60481900	C	C	C(3.1)	B	A	A	A(3.0)			
COBOL/DDL 3 (Vol 2)	RM	60482000	B	B	B(3.1)	A	A	A	A(3.0)			

NOS/BE 1 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS PS	Date 5/80 518	1/80 508	8/79 499	3/79 488	11/78 481	6/78 473	12/77 461	8/77 454	5/77 446	12/76 439	8/76 430
	PSR Level 518	PSR Level 508	PSR Level 498	PSR Level 485	PSR Level 477	PSR Level 472	PSR Level 460	PSR Level 452	PSR Level 446	PSR Level 439	PSR Level 428	
Title	Type	Pub. No.										
Data Management Products (Contd)												
QU/DDL 3 (Vol 3)	RM	60482100	B	B	B(3.1)	A	A	A(3.0)	C	C	C	C(3.1)
Query Update 3	RM	60498300	E	E	E(3.3)	D	D	D(3.2)	A	A	A	B
Programmer	UG	60387700	A	A	A	A	A	A	A	A	A	A
DBU 1	UG	60499000	B	B	B	B	B	B	A	A	A	A
FORM 1	RM	60498800	D	D	D	D	D	D(1.2)	C	C	C	C(1.1)
RM	60496200	B	B	B	B	B	B	B(1.1)	A	A	A	B
CDCS 1	RM	60498700	D	D	D	D	D	D(1.2)	C	C	C	C(1.1)
DDL 2 (Vol 1)	RM	60498400	D	D	D	D	D	D(2.2)	C	C	C	C(2.1)
COBOL/DDL 2 (Vol 2)	RM	60498500	D	D	D	D	D	D(2.2)	C	C	C	C
QU/DDL 2 (Vol 3)	RM	60498600	D	D	D	C	C	C(2.2)	B	B	B	B(2.1)
Applications Products												
Applications	IH	84000980	B	B	A	R,S	N,P	M	H,J,K,L	G	F	D
	IH	76071100	S	S	S							D
APEX III	RM	76070000	G	G	G	F	F	F	F(1.1)	E	E	D
APT IV 2	RM	17326900	B	B	B	B	B	B	A	A	A	A
GPSS V 1	(IBM Pub.)	SH20-0851-1	-	-	-	-	-	-	-	-	-	-
		UM	76078800	C	C	C	C	C	C	C	C	C(1.2)
	GIM	84003900	C	C	C	C	C	C	C	C	C	C
1700 MSOS Import HS	RM	96719200	B	B	B	B	B	B	B	B	B	B
International Math and Stat Library	GIM	60456380	B	B	B	A	A	A				
Math Science Library	RM	60327500	B	B	B	B	B	B	B	B	B	B
	UII	60329200	D	D	D	D	D	D	D	D	D	D
Graphics	GIM	76077000	C	C	C	C	C	C	B	B	B	B
Beginning Graphics	UG	76077300	C	C	C	C	C	C	B	B	B	A
UNIPLOT 2.1/3.0	U/RM	60454730	C	C	C(2.1/ 3.0)	B	B	B(2.1)	A	A	A	A
241 IGS 2	RM	17307300	G	G	G	G	G	G	G	G	G	G
274 IGS 2	RM	60358800	D	D	D	D	D	D	D	D	D	D
	OG	60359800	C	C	C	C	C	C	C	C	C	C

[†]Not available at LDS.

NOS/BE 1 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB Date	5/80	1/80	8/79	3/79	11/78	6/78	12/77	8/77	5/77	12/76	8/76
OS PSR Level	518	508	499	488	481	473	472	461	454	446	439	430
PS PSR Level	518	508	498	485	477	472	460	452	446	439	439	428
<u>Title</u> <u>Type</u> <u>Pub. No.</u>												
<u>Application Products</u> <u>(Contd)</u>												
777 IGS 2	RM	17321800	D	D	D	D	D	D(2.2)	C	C	C	C
Remote Job Entry	UG	17322500	B	B	B	B	B	B	B	B	B	B
777 3-D IGS 1	UG	76077200	B	B	B	B	B	B	A	A	A	A
Data Handler 1	RM	17326500	B	B	B	B	B	B	B	B	B	B
Application Executive	RM	17322100	C	C	C	C	C	B	B	B	B	B
LCGT/IGS 2	RM	17322200	B	B	B	B	B	B	B	B	B	B
	UG	76079100	A	A	A	A	A	A	A	A	A	A
	UG	76077400	A	A	A	A	A	A	A	A	A	A
PERT/Time 1	RM	60133600	F	F	F	F	F	E	E	E	E	E
PERT/Time 2	RM	60456030	A	A	A	A	A	A				
TIGS 1	RM	60455940	D	D	C	B	A	A				
	UG	60456040	B	B	B	A						
SIMSCRIPT I.5 3	RM	60358500	F	F	F	F	F	F	F	F	F	F
TOTAL	RM	76070300	F	F	F	F	F(2.0)	E	E	E	D(1.5)	C
I/S ATHENA Retrieval/ Update Language Athena	VIM	84000060	C	C	C	C	C	C	C	A,B		C(1.4)
	UIM	84000090	C	C	C	B	A	A	A	A	A	

SCOPE 2 PUBLICATIONS RELEASE HISTORY

4

	OS	SAB Date 512 PS	PSR Level 508	3/80	8/79 501 498	1/79 285 477	8/78 273 477	5/78 270 472	11/77 258 452	4/77 246 446	2/77 240 439	4/76 221 420	10/75 209 406	5/75 201 397	
<u>Title</u>	Type	<u>Pub. No.</u>													
<u>Operating System</u>															
SCOPE 2	RM	60342600	R	P	P	N	M	M(2.1.5)	L	L	K(2.1.4)	J	J(2.1.3)		
	OG	60455090	C	B	B	A	E	E	D	D	D	C	C		
	UG	60372600	E	E	E	H	G	F	F	F	E	D	D		
	IH	60426100	L	K	J	A	G	A	A	A	A	A	A		
	SPRM	60429700	B	B	B	J	J	J	I	H	G	F	F		
	DH	60344100	L	K	D	D	D	C	C	C	G	B	F		
	IN	60344300	D	D	D	D	D	D	D	D	B	B	B		
7611-1 I/O Station	O/RM	60343600	E	E	E	E	E	E(2.0)	D	D	D	C	C		
7611-2 MTS	O/RM	60343700	B	B	B	B	B	B	B	B	B	B	B		
CYBER 70L/170 Station	O/RM	60494200	C	C	C	C	C	C	A	A	A	E	D		
	O/RM	60343800													
SMM 3	RM	60373900	E	E	E	D	D	D	D	C	C	C	C		
	OG	60373800	D	D	D	D	D	D	D	D	D	C	C		
Loader	RM	60454780	D	C	C	B	B	B	A	A	B				
	RM	60429800													
	RM	60344200													
	IN	60449800	A	A	A	A	A	A	A	A	A	B	B		
	IN	60372200													
Update 1	RM	60449900	B	B	B	B	B	B(1.3)	A	A	A	A(1.2)	F		
	RM	60342500													
	IN	60450000	A	A	A	A	A	A	A	A	A	B	B		
	IN	60360200													
Record Manager	RM	60454690	C	B	B	A	A	A	B	B	B	H	G		
	RM	60495700													
	RM	60307300													
Common Memory Manager 1	RM	60499200	D	C	C	C	B,C(1.1)A		A	A(1.0)					
CYBER Common Utilities 1	RM	60495600	F	F	E	E	E	D	D	C	B	A	A		
On-Line Maint Prog	RM	60493300													
	RM	60406200	E	E	E	D	D	D	D	D	D	D	D		
<u>Compiler Products</u>															
ALGOL 4	RM	60496600	B	B	B	B	B	A	A	A	A	C			
	RM	60384700													
	RM	60481600	C	C(5.1)											

SCOPE 2 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS	Date 512	SAB PSR	Date 501	8/79 285	SAB Level 477	8/79 273	8/78 270	5/78 472	11/77 258	4/77 446	2/77 240	4/76 439	4/76 240	10/75 209	5/75 201
	PS	PSR	PSR	Level	508	498	477	477	472	452	446	439	420	420	406	397
<u>Title</u>																
<u>Compiler Products</u>																
<u>(Contd)</u>																
COBOL 2	RM	60384200	B	B	B			B		B	B	B	B	B	B	B
COMPASS 3	RM	60492600	F	F	E(3.6)		D	D(3.5)	C	C	B	B	B	B(3.3)	E(3.2)	E(3.1)
	RM	60360900														
	IN	60492800	C	C	C(3.6)		B	B	A	A	A	A	A	A	B	B
	IN	60361000														
Summary Card.	CC	60493000	A	A	A		A	A	A	A	A	A	A			
CYBER Interactive Debug																
FORTRAN 5	UG	60484100	A													
FORTRAN 2 (RUN)	RM	60360700	C	C												
FORTRAN Extended 4	RM	60497800	E	E(4.8)	C		D	D	C(4.7)	C	C	C	C	C(4.6)	C	C
	RM	60305600													H(4.5)	G(4.4)
	RM	60305601												J(4.5)	G(4.4)	
	IN	60497900	A	A	A		A	A	A	A	A	A	A	A	C	B
	IN	60357900														
DEBUG	UG	60499700	A	A	A		A	A	A	A	A	A	A	A	B	B
	UG	60498000	A	A	A		A	A	A	A	A	A	A	A	B	B
Common Math Library	RM	60498200	C	C	C		C	C	B	B	B	B	B	B	B	B
	RM	60387900														
FORTRAN 5	RM	60481300	C(5.0)													
FORTRAN 4/5 Conv Aids	RM	60483000	B	B(1.0)												
Sort/Merge 1	RM	60497500	E	E	E		E	E	E	D	D	D	D	B(1.0)		
	UG	60482900	A	A	A		A	A	A							
	IN	60497600	B	B	B		B	B	B	B	B	B	B	A	A	B
	IN	60344400														
SYMPL 1	RM	60496400	F	E(1.4)	D		D	D(1.3)	C	C	B(1.2)	A(1.1)			B	B
	IN	60482600	A	A	A		A	A	A							
	RM	60328800													C	C(1.1)
	UG	60499800	B	B	B		B	B	B(1.3)	A	A	A	A	A	A	A
<u>Applications Products</u>																
<u>Applications</u>																
	IH	84000990	A	A												
	IH	76071100	J	J	H		H	H	H	C	C	C	C	B	B	
APEX 1	RM	59158000	C	C	C		C	C	C	C	C	C	C	C	C	
APEX III	RM	76070000	G	G	F		F	F	F	E	E	E	D	C	B	
APT IV 1	RM	17313600	C	C	C		C	C	C	C	C	C	C	C	C	
International Math	GIM	60456380	B	B	A		A	A	A	C	C	C	C	C	C	
and Stat Library																
SIMSCRIPT I.5 3	RM	97400200	A	A	A		A	A	A	A	A	A	A	A	A	

KRONOS 2 PUBLICATIONS RELEASE HISTORY

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	OS PS	SAB PSR	Date Level	5/78 [†] <u>472</u>	12/76 <u>439</u>	4/76 <u>419</u>	11/75 <u>411</u>	6/75 <u>404</u>	4/75 <u>397</u>	12/74 <u>388</u>	8/74 <u>L6</u>	7/74 <u>387</u>	2/74 <u>L5</u>	7/73 <u>L1</u>
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>												
<u>Operating System</u>														
KRONOS 2.1 Vol 1	RM	60407000	D	D	D	D	D	D(2.1.2)	C	C	B	B	A(2.1.1)	A(2.1)
Vol 2	RM	60448200	D	D	D	D	D	D(2.1.2)	C	C	C	C	A	A
OG	60407700	E	E	E	E	E	E	E	D	D	F	E	C	A
IH	60407500	N	N	N	N	M	L	K	H	A	A	A	C	A
Applications Prog	IN	60407200	B	B	B	B	A	A	A	A	A	A	A	A
System Prog	IN	60449100	B	B	B	B								
KRONOS Text Editor	RM	60408200	C	C	C	C	C	C	B	B	A	A	A	A
EXPORT/IMPORT 200	RM	59150500	E	E	E	E	E	E	D	D	D	D	C	C
KRONOS Time-Sharing	RM	60407600	E	E	D	D	D	D	C	C	B	B	A	A
IN	60407800	B	B	B	B	B	A	A	A	A	B	B	A	A
CYBER Loader 1	RM	60344200	K	J	J(1.1)	H	G(1.0)							
IN	60372200	C	C	C	C	B	B							
CYBER Common Utilities 1	RM	60493300	C	B	B	A	A	A	A					
Modify 1	RM	60281700	G	G	G	F	E	E	E	E	D	D	C	C
IN	60283000	D	D	D	C	C	B	B	B	B	A	A	A	A
Update 1	RM	60342500	H	G	G	F	F	E	E	E	D	D	C	C
IN	60360200	C	C	C	B	B	B	B	B	B	B	B	C	C
On-Line Maint Software	RM	60436600	D	D	D	B	B	A						
<u>Compiler Products</u>														
ALGOL 4	RM	60384700	D	C	C	C(4.1)	B	B	B(4.0)					
ALGOL 3	RM	60329000	D	D	D	D(1.2)	C	C	D	D	D	D	D	D(3.1)
APL 1	RM	19980400	D	D	D	D(1.2)	C	C	B	B	B(1.1)	B	A	A(1.0)
BASIC 2	RM	19980300	C	C	C	C	B	B	A	A	A	A	A	A(2.1)
COBOL 4	RM	60384100	G	F	F	F(4.5)	E	E(4.4)	E(4.3)	D	D	D	C(4.1)	B(4.0)
IN	60328400	C	C	C	C	C	B	B	B	B	B	B	B	B
COMPASS 3	RM	60360900	G	F	F(3.3)	E(3.2)	E	E(3.1)	E	D	D	D	D	B(3.0)
IN	60361000	B	B	B	B	B	B	B	B	B	B	B	B	B
CC	60361700	B	B	B	B	B	B	B	B	B	B	B	B	B
GIM	60343400	A	A	A	A	A	A	A	A	A	A	A	A	A

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KRONOS 2 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS	Date 472	5/78 [†]	12/76 439	4/76 419	11/75 411	6/75 404	4/75 397	12/74 388	8/74 380	7/74 377	2/74 L3	7/73 L1 348
	PSR Level												
	PSR Level												
<u>Title</u>													
<u>Compiler Products</u> (Contd)	Type	Pub. No.											
CYBER Record Manager 1	RM	60307300	K	J	J(1.4)	H(1.3)	G	G(1.2)	F(1.1)	E	E	D	C(1.0)
FORTRAN Extended 4	UG	60359600	D	C	C	C	C	C	B	A	A	A	A
COBOL 4	UG	60385200	C	B	B	B	A	A	A	A	A	A	A
FORTRAN Extended 4	RM	60305600	K	J	J(4.6)	H(4.5)	G	G(4.4)	F(4.3)	E	E(4.2)	D(4.1)	C(4.0)
	RM	60305601	L,M	K	K(4.6)	J(4.5)	G	G(4.4)					
	IN	60357900	C	C	C	C	B	B	B	B	B	B	A
DEBUG	GIM	60327900	A	A	A	A	A	A	A	A	A	A	A
Common Math Library	UG	60329400	B	B	B	B	B	B	B	B	B	B	B
Interactive FORTRAN 1	RM	60387900	C	C	C	B	B	B	A	B	B	B	A
FORTRAN 2.3	RM	60408600				B	B	B	B	B	B	B	A
	RM	60174900	G	F	F	F	F	F	F	F	F	F	F
	IN	60189500	-	-	-	-	-	-	-	-	-	-	-
SIFT	PSB	60358400	A	A	A	A							
Sort/Merge 4	RM	60343900	K	J	J(4.4)	H(4.3)	G	G(4.2)	F	F	F(4.1)	E	C(4.0)
	IN	60344400	B	B	B	B	B	A	A	A	A	A	A
SYMPL 1	RM	60328800	C	C	C	C	C	C(1.1)	B	B(1.0)			
8-Bit Subroutines	RM	60359400	D	C	C	C	C	C	C	C			
<u>Applications Products</u>													
Applications	IH	76071100	D	D	C,D	B	B	A					
APEX I	RM	59158000	C	C	C	C	C	C					
APEX III	RM	76070000	D	D	D	B	B	B					
GPSS V 1	RM ^{††} (IBM Pub.)	SH20-0851-1	-	-	-	-	-	-					
	UM (IBM Pub.)	76078800	C	C	C	C	C	C(1.1)	-A/B	-A/B	A/B(1.0)		
	GIM	84003900	C	C	C	A	A	A	A	A	A		
LCGT/IGS 1	RM	17322800	D	D	D	D	B	B	B	B	A(1.1)		
	GIM	17322700	B	B	B	B	B	B	A	A	A		
Math Science Library	RM	60327500	B	B	B	B	B	B	B	B	B	B	B
	UII	60329200	D	D	D	D	D	D	D	D	D	D	C
	GIM	60328900	A	A	A	A	A	A	A	A	A	A	A

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^{††}Not available at LDS.

KRONOS 2 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB OS	SAB PSR	Date Level	5/78 [†]	12/76	4/76	11/75	6/75	4/75	12/74	8/74	7/74	2/74	7/73
<u>Title</u>	Type		<u>Pub. No.</u>											
<u>Applications Products</u> (Contd)														
PERT/Time 1	RM	60133600	E	E	E	D	D	D	D	C	C(1.2)			
SIMULA 1	RM	60234800	F	F	F	F	F	F(1.1)	E	E	E	E	E	E(1.0)
SIMSCRIPT I.5 3	RM	60358500	F	F	F	F	E	E	E	D	D	D	D	C
TRANEX 1	RM OG	60407900 60408000	C D	C D	C D	C C	C B	B B	B A	A	A	A	A	A
TOTAL	RM	76070300	D(1.5),E B,C(1.4) B		B(1.3)	A	A	A	A(1.0)					

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SCOPE 3.4 PUBLICATIONS RELEASE HISTORY

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	SAB PSR	Date Level	1/79 ^t 479	5/78 472	12/77 461	8/76 430	4/76 420	2/76 414	10/75 410	9/75 406	6/75 401	4/75 397	12/74 387	5/74 376
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>												
<u>Operating System</u>														
SCOPE 3.4	RM	60307200	N	M	M	M	L	L	K(3.4.4)	H	H	H	H(3.4.3)	G(3.4.2)
	OG	60327300	L	K	K	K	J	J	H	G	G	F	F	E
	DH	60386400	C	B	B	B	A	J	A					
	SPRM	60306500	L	K	K	K	J	J	H	G	G	F	F	E
	IH	60307400	AD	AC	AC	AC	AB	AA	Z	Y	W	U	P	K
	UG	60358700	A	A	A	A	A	A	A	A	A	A	A	B
3.3/3.4 Conv Aids	PSB	60358200	F	F	F	E	E	E	D	D	D	D	D	B
MMF Operations	PSB	60493600												
Station	O/RM	60343800	F	E	E	E	E	E	E	D	D	D	C	B
Integ Sched Tuning	PSB	60493500												
CYBER Loader 1	RM	60344200	K	K	J	J	J(1.1)	H	H	H	G	G(1.0)	F	E
	IN	60372200	C	C	C	C	C	C	B	B	B	B	A	A
Update 1	RM	60342500	H	H	G	G	G	G	F	F	F	E	E	D
	IN	60360200	C	C	C	C	C	B	B	B	B	B	B	A
CYBER Common Utilities 1	RM	60493300	C	C	B	B	B	A	A	A	A	A	A	A
On-Line Maint Software	RM	60364800	J	J	J	J	H	G	F	E	E	D	D	C
(previously On-Line Diag)	GIM	60309800	A	A	A	A	A	A	A	A	A	A	A	A
INTERCOM 4	RM	60307100	H	G	G	G	F	F	F(4.5)	E	E(4.4)	E	E(4.3)	D(4.2)
FORTRAN Extended 4	UG	60359700	B	B	B	B	B	B	B	B	B	B	B	B
COBOL 4	UG	60385700	C	C	C	C	C	C	C	C	C	C	C	A
MUJ	RM	60493200	B	A	A	A	A	A	A	A	A	C	C	C
	PSB	60358300										C	C	C
SCED	UG	60492500	A	A	A	A	A	A	A	A	A	A	A	C
Procedures Guide	PG	60385600	B	B	B	B	B	B	B	B	B	B	B	B
Interactive Card	CC	60384600	D	D	D	D	D	D	D	D	D	D	B	B
Batch Card	CC	60387400	A	A	A	A	A	A	A	A	A	A	D	C
<u>Network Products</u>														
CCP 1	RM	74701200	B	B	B	B	A	A	A(1.0)					
	OG	74701400	B	B	B	B	A	A	A					
	DH	74700600	B	B	B	B	A	A	A					
CYBER Cross System	RM	88988400	C	C	C	C(1.1)	A	A	A	A	A	A	A(1.0)	
(previously CCPS 1)	DH	88988700	B	B	B	B	A	A	A	A	A	A	A	A
	GIM	88988600	B	B	B	B	A	A	A	A	A	A	A	A
PASCAL Compiler	RM	88988500	B	B	B	B	A	A	A	A	A	A	A	A
Macro Assembler	RM	88988900	B	B	B	B	A	A	A	A	A	A	A	A
Micro Assembler	RM	88988800	B	B	B	B	A	A	A	A	A	A	A	A
Link Editor	RM	60473000	A	A	A	A								

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SCOPE 3.4 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB PSR	Date Level	1/79 [†] 479	5/78 472	12/77 461	8/76 430	4/76 420	2/76 414	10/75 410	9/75 406	6/75 401	4/75 397	12/74 387	5/74. 376
Title	Type	Pub. No.												
<u>Compiler Products</u>														
- ALGOL 4	RM	60384700	D	C	C	C	C	C	C	C	C	C(4.1)	B	A(4.0)
ALGOL 3	RM	60329000	D	D	D	C	D	D	D	D	D	D	D	D(3.1)
BASIC 2	RM	19980300	C	C	C	C	C	C	B	B	B	A	A	A(2.1)
COBOL 4	RM	60384100	G	G	F	F	F	F	F	F(4.5)	E	E(4.4)	E(4.3)	D(4.2)
IN 60328400	IN	60328400	C	C	C	C	C	C	C	C	B	B	B	B
COMPASS 3	RM	60360900	G	G	F	F	F(3.3)	E	E(3.2)	E	E	E(3.1)	E	D
IN 60361000	IN	60361000	B	B	B	B	B	B	B	B	B	B	B	B
CC 60361700	CC	60361700	B	B	B	B	B	B	B	B	B	B	B	B
GIM 60343400	GIM	60343400	A	A	A	A	A	A	A	A	A	A	A	A
CYBER Record Manager 1	RM	60307300	K	K	J	J	J(1.4)	H	H	H(1.3)	G	G(1.2)	F(1.1)	E
FORTRAN Extended 4	UG	60359600	D	D	C	C	C	C	C	C	C	C	B	B
COBOL 4	UG	60385200	C	C	B	B	B	B	B	B	A	A	A	A
FORTRAN Extended 4	RM	60305600	K	K	J	J	J(4.6)	H	H	H(4.5)	G	G(4.4)	F(4.3)	E(4.2)
RM 60305601	RM	60305601	L,M	L	K	K	K(4.6)	J	J	J(4.5)	G	G(4.4)		
IN 60357900	IN	60357900	C	C	C	C	C	C	C	C	B	B	B	B
GIM 60327900	GIM	60327900	A	A	A	A	A	A	A	A	A	B	A	A
DEBUG	UG	60329400	B	B	B	B	B	B	B	B	B	B	B	B
Common Math Library	RM	60387900	C	C	C	C	C	C	C	C	B	B	A	F
FORTRAN 2.3	RM	60174900	G	G	F	F	F	F	F	F	F	F	F	F
IN 60189500	IN	60189500	E	E	E	E	E	E	E	E	E	E	E	E
SIFT	PSB	60358400	A	A	A	A	A	A	A	A	A	A	A	A
Sort/Merge 4	RM	60343900	K	K	J	J	J(4.4)	H	H	H(4.3)	G	G	G(4.2)	F(4.1)
IN 60344400	IN	60344400	B	B	B	B	B	B	B	B	B	B	A	A
SYMPLE 1	RM	60328800	C	C	C	C	C	C	C	C	C	C	B	B
8-Bit Subroutines	RM	60359400	D	D	C	C	C	C	C	C	C	C	C	B
Convr Aids FTN (3000L)	UG	19980600	C	C	C	C	C	B	B	B	B	B	B	B
Convr Aids COBOL (3000L)	UG	19980700	B	B	B	B	B	A	A	A	A	A	A	A
Convr Aids System (3000L)	UG	19980900	B	B	B	B	B	A	A	A	A	A	A	A
<u>Data Management Products</u>														
DMS-170	GIM	60386500	A	A	A	A	A	A	A	A	A			
DDL 2 (Vol 1)	RM	60387200	B	B	A	A	A	A	A	A	A	A(2.0)		
COBOL/DDL 2 (Vol 2)	RM	60387300	B	B	A	A	A	A	A	A	A			
QU/DDL 2 (Vol 3)	RM	60388700	B	B	A	A	A	A	A	A	A			
CDCS 1	RM	60386800	B	B	A	A	A	A	A	A	A	A(1.0)		
DBU 1	RM	60388900	B	B	A	A	A	A	A	A	A	A(1.0)		
Query Update 3	RM	60387100	C	C	B	B	B	B	A	A	A	A(3.0)		
DDL 1	RM	60359000	B	B	B	B	B	B	B	B	B	B(1.1)	A	A(1.0)
UG	60384300	A	A	A	A	A	A	A	A	A	B	A	A	A

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SCOPE 3.4 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB PSR	Date Level	1/79 [†] <u>479</u>	5/78 <u>472</u>	12/77 <u>461</u>	8/76 <u>430</u>	4/76 <u>420</u>	2/76 <u>414</u>	10/75 <u>410</u>	9/75 <u>406</u>	6/75 <u>401</u>	4/75 <u>397</u>	12/74 <u>387</u>	5/74 <u>376</u>
<u>Title</u>	<u>Type</u>	<u>Pub. No.</u>												
<u>Data Management Products (Contd)</u>														
QU/DDL 1	RM	60359200	C	C	C	C	C	C	C	C	C	C	B	B
Query Update 2	RM	60384900	E	E	E	E	D	D	D	D	D	D(2.1)	C	B/A (2.0)
Mini	UG	60385500	C	C	C	C	C	C	C	C	C	C	B	B
QU/DDL 1	RM	60327200											E	E
Query Update 1	RM	60307500											D	D
FORM 1	RM	60307000	F	F	F	F	F	F	F	F	F	F	F	F
<u>Applications Products</u>														
Applications	IH	76071100	D	D	D	D	C	B	B	B	B	B		
APEX I	RM	59158000	C	C	C	C	C	C	C	C	C	C	B,C	A
APEX II	RM	59158100	C	C	B	B	B	B	B	B	B	B	B	B
APEX III	RM	76070000	D	D	D	D	D	B	B	B	B	A	A	
APT 2	RM	60174500	C	C	C	C	C	C	C	C	C	C	C	C
	IN	60193100	-	-	-	-	-	-	-	-	-	-	-	-
	GIM	60172100	-	-	-	-	-	-	-	-	-	-	-	-
APT IV 1	RM	17313600	C	C	C	C	C	C	C	C	C	C	C	C
APT IV 2	RM	17326900	A	A	A	A	A	A	A	A	A	A	B	A
APT/IGS 1	RM	17310100	B	B	B	B	B	B	B	B	B	B	B	A
	GIM	17317400	B	B	B	B	B	B	B	B	B	B	B	A
COMMAND 1	RM	59159800	A	A	A	A	A	A	A	A	A	A	A	A
CBM 1	RM	59159700	B	B	B	B	B	B	B	B	B	B	B	B
CSSL III 1	UG	17304400	F	F	F	F	F	F	F	F	F	F	F	F
GPSS V 1	(IBM Pub.)	SH20-0851-1	-	-	-	-	-	-	-	-	-	-	-	
	(IBM Pub.)	UM	76078800	C	C	C	C(1.2)	C	C	C(1.1)	A/B	A/B	A/B	A/B(1.0)
		GIM	84003900	C	C	C	C	A	A	A	A	A	A	A
EXPORT/IMPORT 8231 HS 1	RM	60189100	A	A	A	A	A	A	A	A	A	A	A	A
EXPORT/IMPORT HS 1	RM	60235400	D	D	D	D	D	D	D	D	D	D	D	D
1700 MSOS IMPORT HS 1	RM	60305700	A	A	A	A	A	A	A	A	A	A	A	A

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††Not available at LDS.

SCOPE 3.4 PUBLICATIONS RELEASE HISTORY (Contd)

	SAB Date PSR Level	1/79 [†] <u>479</u>	5/78 <u>472</u>	12/77 <u>461</u>	8/76 <u>430</u>	4/76 <u>420</u>	2/76 <u>414</u>	10/75 <u>410</u>	9/75 <u>406</u>	6/75 <u>401</u>	4/75 <u>397</u>	12/74 <u>387</u>	5/74 <u>376</u>
Title	Type	Pub. No.											
<u>Applications Products (Contd)</u>													
Math Science Library	RM	60327500	B	B	B	B	B	B	B	B	B	B	B
	UII	60329200	D	D	D	D	D	D	D	D	D	D	D
	GIM	60328900	A	A	A	A	A	A	A	A	A	A	A
Beginning Graphics	UG	76077300	A	A	A	A	A	G	G	F(2.2)	F	F	F
241 IGS 2	RM	17307300	G	G	G	G	G	C	C	C	C	C	F
274 IGS 2	RM	60358800	D	D	D	D	D	C	C	C	B	B	C
777 IGS 2	OG	60359800	C	C	C	C	C	C	C	B	B	B	B
	RM	17321800	C	C	C	C	C	A	A	A	A	A	A(2.0)
	OG	17322600	C	C	C	C	C	B	B	B	B	B	A
	UG	17322500	B	B	B	B	B	B	B	B	B	B	
RJE	GIM	17322400	A	A	A	A	A	A	A	A	A	A	
	UG	76077200	A	A	A	A	A	A	A	A	A	A	
777 3-D IGS 1	RM	17326500	B	B	B	B	B	B	B	A	A	A(1.0)	
Data Handler 1	RM	17322100	B	B	B	B	B	A	A	A	A	A	A
Application Executive	RM	17322200	B	B	B	B	B	D	D	D	D	C	
GODAS 2	RM	17317200	D	D	D	D	D	C	C	C	B	B	A
LCGT/IGS 1	RM	17322800	D	D	D	D	D	B	B	B	B	B	A
	GIM	17322700	B	B	B	B	B	B	B	B	B	B	A
MARS VI 2													
Partial Inversion	RM	60385900	A	A	A	A	A	A	A	A	A	A	A
Full Inversion	RM	17313000	A	A	A	A	A	A	A	A	A	A	A
PERT/Time 1	RM	60133600	E	E	E	E	E	D	D	D	D	D	C
SIMULA 1	RM	60234800	F	F	F	F	F	F	F	F	F	F(1.1)	E
SIMSCRIPT I.5 3	RM	60358500	F	F	F	F	F	F	E	E	E	E	D
TOTAL	RM	76070300	F(2.0)	E	D(1.5)	C(1.4)	B	B(1.3)	A	A	A	A(1.0)	
I/S ATHENA Retrieval/ Update Language	VIM	84000060	C	C	A,B,C								

[†]These are the last scheduled revisions to the SCOPE 3.4 manuals. They will be regularly stocked items at LDS for a minimum of 12 months after this date.



COMMENT SHEET

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PUBLICATION NO.: 60481000

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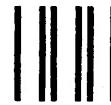
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DATE: June 30, 1980

TITLE: Software Publications Release History

PUBLICATION NO.: 60481000
REVISION: H

REASON FOR CHANGE:

This revision includes the following operating system releases at the indicated PSR levels:

<u>Operating System</u>	<u>OS PSR Level</u>	<u>PS PSR Level</u>
NOS 1	509	508
	518	518
NOS/BE 1	508	508
	518	518
SCOPE 2	512	508

Miscellaneous corrections are also included.

INSTRUCTIONS:

This revision replaces the previous edition of this manual. Because of space limitations, truncation of rightmost columns has occurred and several obsolete publications have been deleted. If you need a complete history of applicable publications, consult previous editions of this document.

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